

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 14875-170US1 C1-A0403P-US
INTERNATIONAL APPLICATION NO. PCT/JP2005/005787	INTERNATIONAL FILING DATE March 28, 2005	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/594605
TITLE OF INVENTION Methods for Separating Hepatic, Endothelial, or Hematopoietic Progenitor Cells from Cell Populations		
APPLICANT(S) FOR DO/EO/US Haruo Sugiyama, Naoki Hosen and N.D. Hastie		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76. 15. <input checked="" type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Substitute Specification (marked-up version) Statement of Substitute Specification under 37 CFR § 1.125 (1 page) International Search Report (2 pages) 		

CERTIFICATE OF MAILING BY EXPRESS MAIL
 Express Mail Label No. EV 664073418 US
 Date of Deposit: September 28, 2006

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER	
10/594605	PCT/JP2005/005787	14875-170US1 C1-A0403P-US	
The following fees have been submitted			
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))\$300		CALCULATIONS PTO USE ONLY	
\$300.00			
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations\$200		\$200.00	
23. <input checked="" type="checkbox"/> Search fee If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB\$400 All other situations\$500		\$400.00	
Total of 21, 22 and 23 =		\$900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
-100 =	/50=		X \$250
Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(h)).		\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	8 - 20 =	0	x \$50
Independent Claims	2 - 3 =	0	x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360	\$0.00
TOTAL OF ABOVE CALCULATIONS = \$900.00			
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. 1.27. Fees above are reduced by ½.		\$0.00	
SUBTOTAL = \$900.00			
Processing fee of \$130 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(i))		+ \$0.00	
TOTAL NATIONAL FEE = \$900.00			
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property		+ \$0.00	
TOTAL FEES ENCLOSED = \$900.00			
		Amount to be refunded:	\$0.00
		Amount to be charged:	\$0.00
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$900.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>			
NOTE: Where an appropriate time limit under 37 C.F.R. 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the International Application to pending status.			
SEND ALL CORRESPONDENCE TO:			
 SIGNATURE		Janis K. Fraser, Ph.D., J.D.	
PTO Customer No: 26161		NAME	
		34,819	
		REGISTRATION NUMBER	

10/594605

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IAP5 Rec'd PCT/PTO 28 SEP 2006

Applicant : Haruo Sugiyama et al.

Art Unit : Unknown

Serial No. : To Be Assigned

Examiner : Unknown

Filed : Herewith

Title : METHODS FOR SEPARATING HEPATIC, ENDOTHELIAL, OR
HEMATOPOIETIC PROGENITOR CELLS FROM CELL POPULATIONS

MAIL STOP PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

STATEMENT OF SUBSTITUTE SPECIFICATION UNDER 37 CFR § 1.125

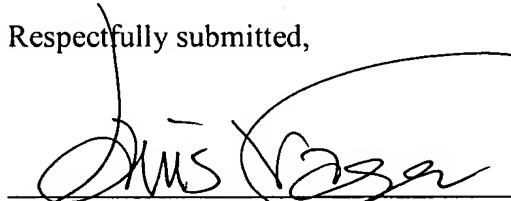
Pursuant to 37 CFR § 1.125, Applicants submit a substitute specification encompassing changes being made to the original specification. The changes to the specification update the title, add a cross-reference to related applications, amend a section heading, and correct obvious errors in the original. No new matter is introduced by the attached substitute specification, and Applicants request its entry.

Also submitted herewith is a marked-up version showing the changes that have been made.

Respectfully submitted,

Date:

Sept. 28, 2006


Janis K. Fraser, Ph.D., J.D.
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